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NEWS
                 KOREAPAT now available on STN
        NOV 30
                 PHAR reloaded with additional data
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      6 DEC 01 LISA now available on STN
NEWS
      7 DEC 09
                 12 databases to be removed from STN on December 31, 2004
NEWS
      8 DEC 15
                 MEDLINE update schedule for December 2004
NEWS
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        DEC 17
                 ELCOM reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
      10 DEC 17
NEWS
                 COMPUAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
      11 DEC 17
NEWS
                 SOLIDSTATE reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
NEWS
      12 DEC 17
                 CERAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
      13 DEC 17
                 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS
      14 DEC 30
NEWS
                 EPFULL: New patent full text database to be available on STN
      15 DEC 30
NEWS
                 CAPLUS - PATENT COVERAGE EXPANDED
     16 JAN 03
NEWS
                 No connect-hour charges in EPFULL during January and
                 February 2005
NEWS
      17 JAN 11
                 CA/CAPLUS - Expanded patent coverage to include Russia
                 (Federal Institute of Industrial Property)
              JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
NEWS EXPRESS
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
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AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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FILE 'HOME' ENTERED AT 11:14:35 ON 14 JAN 2005

=> file medline, uspatful, dgene, embase, wpids

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FULL ESTIMATED COST

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FILE 'MEDLINE' ENTERED AT 11:14:57 ON 14 JAN 2005

FILE 'USPATFULL' ENTERED AT 11:14:57 ON 14 JAN 2005 CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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=> s GFP fusion protein

L11736 GFP FUSION PROTEIN

=> s l1 and soluble domain

0 L1 AND SOLUBLE DOMAIN  $L_2$ 

=> s soluble protein domain

78 SOLUBLE PROTEIN DOMAIN

=> s 13 and 11

1 L3 AND L1

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ANSWER 1 OF 1 USPATFULL on STN L4

Methods for producing protein domains and analyzing three dimensional TΤ structures of proteins by using said domains

AB There is provided a method for producing a soluble protein domain comprising: (a) preparing two or more DNA fragments by partially digesting a DNA coding for a protein; (b) expressing the protein which is coded on each of said DNA fragments, as a fusion protein with a functional protein; (c) selecting the fusion protein exhibiting said function among two or more fusion proteins synthesized in step (b); and, (d) synthesizing the soluble protein domain which is coded on said DNA fragment in a cell-free system, wherein said soluble protein domain is included in said fusion protein selected in step (c). By using this method, it can be easy and efficient to analyze the three dimensional structure of proteins of many clones.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:258817 USPATFULL

TITLE:

Methods for producing protein domains and analyzing three dimensional structures of proteins by using said

domains

INVENTOR(S):

Seki, Eiko, Kanagawa, JAPAN

Kigawa, Takanori, Kanagawa, JAPAN Yokoyama, Shigeyuki, Kanagawa, JAPAN

NUMBER

KIND DATE

\_\_\_\_\_\_ US 2002142387 A1 20021003 PATENT INFORMATION: APPLICATION INFO.: US 2001-994573 A1 20011126 (9) NUMBER DATE \_\_\_\_\_ PRIORITY INFORMATION: JP 2001-62703 20010306 DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION LEGAL REPRESENTATIVE: MORRISON & FOERSTER LLP, 3811 VALLEY CENTRE DRIVE, SUITE 500, SAN DIEGO, CA, 92130-2332 NUMBER OF CLAIMS: 14 EXEMPLARY CLAIM: NUMBER OF DRAWINGS: 5 Drawing Page(s) LINE COUNT: 617 CAS INDEXING IS AVAILABLE FOR THIS PATENT. => e Seki/au E1 2 SEKHUJA V/AU E2 1 SEKHWELA MOGODISHENG/AU E3 3 --> SEKI/AU 474 SEKI A/AU E4 SEKI AKIHIKO/AU E5 21 7 SEKI AKIHIRO/AU E6 E7 1 SEKI AKIKAZU/AU SEKI AKIKO/AU E8 3 SEKI AKINOBU/AU 4 E.9 SEKI AKINORI/AU E10 11 SEKI AKIRA/AU 7 E11 1 SEKI AKITERU/AU E12 => s e3 L5 3 SEKI/AU => d l5 ti abs ibibi tot 'IBIBI' IS NOT A VALID FORMAT FOR FILE 'WPIDS' The following are valid formats: TRI SAM Short Information (Syn.: TRIAL, SAMPLE) STR DERWENT Chemical Resource Structure HITSTRUCTURES HITSTR BIB Bibliographic Data Brief Contents of Document with GI.H BRIEFG.H Brief Contents of Document with GI BRIEFG Brief Contents of Document BRIEF IBRIEFG.H Brief Contents of Document with GI.H, Indented Version Brief Contents of Document with GI, Indented Version IBRIEFG IBRIEF Brief Contents of Document, Indented Version All Data with GIS and GI.H MAXG All Data XAMAll Data Except ABEQ, CMC, and PLC with GI.H ALLG.H All Data Except ABEQ, CMC, and PLC with GI ALLG All Data Except ABEQ, CMC, and PLC ALL All Data Except ABEQ, CMC, and PLC plus TECH and PRIO FULL All Data Except ABEQ, CMC, and PLC with GI plus TECH and PRIO FULLG

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Basic Patent Information

Indented Version of ALL Format with GI.H

Structure File Default

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IDE

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IFULL
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ISTD
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             Indented Version of BIB Format
IBIB
ABS
            All Abstracts
CODE
      IND
            Manual-, Plasdoc-, and Chemical Code plus Keywords
SUM
            Title and Novelty
AB
            Abstract (Basic)
            Abstract, Equivalent
ABEQ
            Application Details
ADT
ADT.B
            Application Details Basic
            Application Information
AΤ
      ΑP
AI.B
            Application Information Basic
AN
            Accession Number
            DERWENT Chemistry Resource Accession Number, DCR Segment
AN.S
APPS
            Application Number Group
            Additional Words
AW
            Classification Code (Substance Descriptor
CC
CMC
            Chemical Code
CMT
            Comment
            Chemical Name
CN
            Chemical Name Preferred
CN.P
            Systematic Chemical Name
CN.S
CR
      XR
            Cross Reference
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            Country Count
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DAN
            DERWENT Class
DC
            DERWENT Compound Number
DCN
DCR
            DERWENT Chemistry Resource Accession Number
            DERWENT Chemistry Resource Number
DCRE
DCSE
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DN
            Document Number CPI and Non CPI
DNC
            Document Number CPI
DNN
            Document Number Non CPI
DRN
            DERWENT Registry Number
DS
            Designated States
ED
            Entry Date
EDCR
            Entry Date DERWENT Chemistry Resource
FΑ
            Field Availability
FAS
            Field Availability Supplementary Data
FAM
            Patent Family
FDT
            Filing Details
FG
      AM
            Fragment Code
FS
            File Segment
IC
            International Patent Classification
            Graphical Information
GI
            Graphical Information, High Resolution
GI.H
GTS
            Graphical Information Size
            IPC, Additional (Supplementary)
ICA
ICI
            IPC, Index (Complementary)
ICM
            IPC, Main
ICS
            IPC, Secondary
      ΑU
            Inventor
IN
IPC
            International Patent Classification
KS
            Plasdoc Key Serials
KW
            Keyword Indexing, Including DERWENT Chemistry Resource Numbers, DWPI
Segment
MO
            Chemical Code (Pre 1970)
M1 - 6
            Chemical Codes
MC
            Manual Code
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MF

MW

Molecular Formula

Molecular Weight

NOV Novelty CS Patent Assignee PA PATS Patent Number Group PNPatent Information PI.B PN.B Patent Information Basic Patent Information Abbreviated Patent Information Abbreviated Basic PIA.B Plasdoc Codes PLC PLE Enhanced Plasdoc Codes Patent Number Count PNC PRAI PRN Priority Information Prior Art PRIO REP RPN RE Reference Patent Information Ring Index Number RIN Structure Segment DERWENT Compound Number SDCN Structure Segment DERWENT Registry Number SDRN SMF Standardized Molecular Formula Structure Segment Ring Index Number SRIN SY Synonym Name TECH Technology Focus TΤ Title Title Terms TTUpdate Date UP Update Date Plasdoc Code UPA Update Date Abstract UPAB UPB Update Date Chemical Code Update Date DERWENT Chemistry Resource UPCR Update Date Keyword Indexing UPKW Update Date Patent UPP Update Date SDI UPS Update New Content Abstract Fields UPTX UPWX Update Date WPI Cross Reference ENTER DISPLAY FORMAT (STD):d his 'D' IS NOT A VALID FORMAT FOR FILE 'WPIDS' 'HIS' IS NOT A VALID FORMAT FOR FILE 'WPIDS' The following are valid formats: TRI SAM Short Information (Syn.: TRIAL, SAMPLE) DERWENT Chemical Resource Structure STR HITSTRUCTURES HITSTR Bibliographic Data BIB Brief Contents of Document with GI.H BRIEFG.H Brief Contents of Document with GI BRIEFG Brief Contents of Document BRIEF Brief Contents of Document with GI.H, Indented Version IBRIEFG.H Brief Contents of Document with GI, Indented Version IBRIEFG Brief Contents of Document, Indented Version IBRIEF All Data with GIS and GI.H MAXG All Data MAX 7 All Data Except ABEQ, CMC, and PLC with GI.H ALLG.H All Data Except ABEQ, CMC, and PLC with GI ALLG All Data Except ABEQ, CMC, and PLC ALLAll Data Except ABEQ, CMC, and PLC plus TECH and PRIO FULL All Data Except ABEQ, CMC, and PLC with GI plus TECH and PRIO FULLG Delimited ALL Format DALL Basic Patent Information BASIC Default STD IDE Structure File Default Indented Version of ALL Format with GI.H IALLG.H Indented Version of ALL Format with GI IALLG Indented Version of ALL Format IALL Indented Version of FULL Format IFULL

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ISTD
             Indented Version of STD Format
IBIB
             Indented Version of BIB Format
ABS
            All Abstracts
CODE
      IND
            Manual-, Plasdoc-, and Chemical Code plus Keywords
            Title and Novelty
SUM
AB
            Abstract (Basic)
ABEQ
            Abstract, Equivalent
ADT
            Application Details
ADT.B
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AN.S
APPS
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ΑW
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CC
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CMC
            Chemical Code
CMT
            Comment
CN
            Chemical Name
CN.P
            Chemical Name Preferred
CN.S
            Systematic Chemical Name
CR
      XR
            Cross Reference
CYC
            Country Count
DAN
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DC
            DERWENT Class
DCN
            DERWENT Compound Number
            DERWENT Chemistry Resource Accession Number
DCR
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DCRE
DCSE
            DERWENT Chemistry Resource Number, DCR Segment
DN
            Document Number CPI and Non CPI
DNC
            Document Number CPI
            Document Number Non CPI
DNN
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DRN
DS
            Designated States
ED
            Entry Date
            Entry Date DERWENT Chemistry Resource
EDCR
FA
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FAS
            Field Availability Supplementary Data
FAM
            Patent Family
FDT
            Filing Details
FG
      MA
            Fragment Code
FS
            File Segment
IC
            International Patent Classification
GT
            Graphical Information
            Graphical Information, High Resolution
GI.H
            Graphical Information Size
GIS
ICA
            IPC, Additional (Supplementary)
ICI
            IPC, Index (Complementary)
ICM
            IPC, Main
            IPC, Secondary
ICS
TN
      ΑU
            Inventor
IPC
            International Patent Classification
KS
            Plasdoc Key Serials
KW
            Keyword Indexing, Including DERWENT Chemistry Resource Numbers, DWPI
Segment
            Chemical Code (Pre 1970)
MO
M1 - 6
            Chemical Codes
MC
            Manual Code
MF
            Molecular Formula
MW
            Molecular Weight
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NOV

PA

CS

Novelty

Patent Assignee

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PATS
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            Patent Information
      PN
PI.B PN.B Patent Information Basic
            Patent Information Abbreviated
PIA.B
            Patent Information Abbreviated Basic
PLC
            Plasdoc Codes
            Enhanced Plasdoc Codes
PLE
            Patent Number Count
PNC
PRAI PRN
            Priority Information
PRIO
            Prior Art
REP RPN RE Reference Patent Information
            Ring Index Number
RIN
            Structure Segment DERWENT Compound Number
SDCN
            Structure Segment DERWENT Registry Number
SDRN
SMF
            Standardized Molecular Formula
            Structure Segment Ring Index Number
SRIN
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SY
TECH
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ΤI
            Title
TT
            Title Terms
IIP
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UPA
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UPAB
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     (FILE 'HOME' ENTERED AT 11:14:35 ON 14 JAN 2005)
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     JAN 2005
           1736 S GFP FUSION PROTEIN
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             78 S SOLUBLE PROTEIN DOMAIN
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              3 S E3
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=> d 15 ti abs ibib tot
     ANSWER 1 OF 3 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN
TI
     New 2-halo-oxetanocin A derivs. - used as antiviral agents for treating
     HIV, cytomegalovirus etc...
AN
     1992-227355 [28]
                       WPIDS
          493722 A UPAB: 19931006
AΒ
     2-Halo-oxetanocin A and its 4'-phosphate of formula (I) are new. X =
     halogen; and R = H or a phosphoric acid residue of formula (i) Also new
     are 2-halo-oxetanocin A derivs. of formula (I). Each R1 independently = H,
     acyl or tri(1-10C hydrocarbon)-silyl gp., provided that both R1 are not H
     simultaneously.
          USE/ADVANTAGE - (I) have antiviral activity against DNA virus and RNA
     virus and are useful as antiviral agents, partic. against HIV, adenovirus,
     parvovirus, papovavirus, pox virus, herpes virus, cytomegalovirus,
     hepatitis B virus, togavirus and arenavirus. (I) are not inactivated by
     adensine deaminase, found extensively in living bodies, so they exhibit a
     high residual activity The daily dosage of (I) is about 1-300mg/kg in
     non-oral admin. and 5-500mg/kg in oral admin. (I) have low toxicity.
```

Anti-cytomegalovirus activity was measured by infecting human embryo fibroblast with plaque forming units of cytomegalovirus (A0169) strain). After 1 hr. it was covered with a layer of medium containing varied concns. of test cpd. the mixture was cultured for 10 days at 37 deg. C in a 5% v/v CO2 incubator, then the number of plaques formed was measured. ED50 values were, for 2-fluoro-oxetanocin A (1) 0.3 micro-g/ml, and for oxetanocin A 13.0 micro-g/ml.

0/0

ABEQ US 5283331 A UPAB: 19940322

2-halogeno-oxetanocin A derivs. of formula (I) and (II) are new. In the formula X=F or Cl, R = H or phosphoric acid residue; and R1 = H, acyl gp. or a tri(1-10C hydrocarbon)-silyl gp. provided that both R1 gps. are not. H.

USE/ADVANTAGE - As active ingredient in therapeutic drug for viral diseases. The cpds. are not inactivated by adenosine deaminase widely present in living bodies and exhibit a high residual activity. Dwq.0/0

ACCESSION NUMBER:

1992-227355 [28] WPIDS

DOC. NO. CPI:

C1992-102709

TITLE:

New 2-halo-oxetanocin A derivs. - used as antiviral

agents for treating HIV, cytomegalovirus etc..

DERWENT CLASS:

B02

INVENTOR(S):

HOSHINO, H; KITAGAWA, M; MASUDA, A; NISHIYAMA, Y; SAITO,

S; SEKI, J; SHIMADA, N; SEKI, J I; SEKI

PATENT ASSIGNEE(S):

(NIPK) NIPPON KAYAKU KK

COUNTRY COUNT:

12

PATENT INFORMATION:

PATENT NO	KIND DATE	WEEK	LA PG
EP 493722	A1 19920708	(199228)*	EN 20
R: CH DE ES	FR GB IT LI	NL SE	
JP 05032691	A 19930209	(199311)	11
CA 2057432	A 19920621	(199319)	
US 5283331	A 19940201	(199406)	10

## APPLICATION DETAILS:

PATENT NO	NO KIND APPLICATION		DATE	
EP 493722	A1	EP 1991-121327	19911212	
JP 05032691	Α	JP 1991-352945	19911217	
CA 2057432	Α	CA 1991-2057432	19911211	
US 5283331	A	US 1991-804773	19911209	

PRIORITY APPLN. INFO: JP 1990-411947 1991-57754 19901220; JP

1331-37/34

19910301; JP

1990-57754

19910301

- L5 ANSWER 2 OF 3 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN
- TI Initialising circuit for semiconductor device prevents malfunction onrestart by using transistor circuit which only outputs high or low potentiallevels.
- AN 1992-097095 [12] WPIDS
- AB WO 9203825 A UPAB: 19931006

The initialising circuit (20) is provided with a sensing circuit (TR1, TR2, R, 21) which operates according to switching on the power supply and senses that the power supply voltage (Vcc) increases to a predetermined voltage. The initialising circuit also has a circuit (22) for controlling output levels which responds to a sense signal (V1) outputted from the sensing circuit and pulls up the level of the output signal (Vout) of the initialising circuit to a high potential level or pulls it down to a low potential level.

After the power is interrupted and when the power is supplied again, the latching circuit (30) is fed with the output signal controlled by the circuit (22) as its power source voltage. Consequently the latching circuit can be reliably initialised.

ABEQ US 5307319 A UPAB: 19940608

The initialization setting circuit (20) adapted to set an initial condition of a latch circuit in a semiconductor device upon ON-set of the power supply, includes a detecting circuit (TR1, TR2, R, 21) responsive to ON-set of power supply to detect the power source voltage (Vcc) reaching a given voltage. An output level control circuit (22) responds to the detecting signal output from the detecting circuit, for elevating up the level of an output signal of the initialization setting circuit to a high potential level or lowering the level of the output signal of the initialization setting circuit to a low potential level.

By supplying the output signal controlled by the output level control circuit of the latch circuit as the power source voltage, the operation of the latch circuit is synchronized when the power source voltage is shut

ADVANTAGE - Malfunction can be successfully prevented upon resetting of power supply.

Dwg.1/9

ACCESSION NUMBER:

1992-097095 [12] WPIDS

DOC. NO. NON-CPI:

N1992-072587

TITLE:

Initialising circuit for semiconductor device - prevents malfunction onrestart by using transistor circuit which

only outputs high or low potentiallevels.

DERWENT CLASS:

R35 U14

6

INVENTOR(S):
PATENT ASSIGNEE(S):

KOUKETSU, T; SEKI, T; KOHKETSU, T; SEKI (FUIT) FUJITSU LTD; (FUIV) FUJITSU VLSI LTD

COUNTRY COUNT:

PATENT INFORMATION:

PATENT NO	KI	ND DATE	WEEK	LA	PG
WO 9203825 RW: DE GB W: KR US	A	19920305	(199212)*		30
JP 04106784	Α	19920408	(199221)		5
EP 500958	<b>A1</b>	19920902	(199236)	EN	17
R: DE FR GB					
US 5307319	Α	19940426	(199416)		14
EP 500958	A4	19930407	(199526)		
KR 9510566	B1	19950919	(199847)		

## APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9203825	A	WO 1991-JP1143	19910828
JP 04106784	Α	JP 1990-227215	19900828
EP 500958	A1	EP 1991-915718	19910828
		WO 1991-JP1143	19910828
US 5307319	Α	WO 1991-JP1143	19910828
		US 1992-844659	19920402
EP 500958	A4	EP 1991-915718	
KR 9510566	B1	WO 1991-JP1143	19910828
		KR 1992-700991	19920428

## FILING DETAILS:

PATENT NO	KIND	PATENT NO
EP 500958	Al Based on	WO 9203825

PRIORITY APPLN. INFO: JP 1990-227215

19900828

L5 ANSWER 3 OF 3 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN

TI New antiviral and carcinostatic nucleic acid derivs. - especially 9-((C1R,2R,3S)-2,3-bis (hydroxymethyl)-1-cyclopentyl) adenine, useful against herpes viruses and carcinostatic agents.

AN 1992-034124 [05] WPIDS

AB EP 468352 A UPAB: 19931119

Nucleic acid derivs. of formula (I) and their salts are new. In (I) B = nucleic acid base derivative; A1,A2 = OR1 or OCOR1; R1 = H, opt. substd. alkyl or opt. substd. aryl; l = 0 or 1; m,n = 0-2; provided that when l and m are 0, n is 0 or 2.

Pref. base derivs. represented by B include purine and pyrimidine bases opt. protected. Examples include the following: (II), (III), (IV) or (V). In the formulae, Y = H, NH2 or halo; R5 = alkyl opt. susbtd.; R6 = H, alkyl, benzyl, opt. halo substd. vinyl or halo.

USE - Cpds. (I) are antiviral agents useful against herpes viruses, varicella zoster virus, cytomegalo virus, Epstein-Barr virus and many other viral diseases including hepatitis B and C, AIDS, ATL and the like. They are also expected to be useful as a carcinostatic agent. Dosage is 1-500 mg/kg/day. @(25pp Dwg.No.0/0) 0/0

ABEQ US 5374625 A UPAB: 19950207

9-(2,3-bis (hydroxymethyl) -1-cyclopentyl)adenine, 9-(3,4-bis)hydroxymethyl)- 1-cyclohexyl)adenine or guanidine and their salts are new.

USE - (I) have antiviral activity and are active against herpes labialis, genitalis and zoster infections of HSV I and II. Varicella-Zoster virus; cytomegalovirus and Epstein-Barr virus at the time of immunodepression, and many other viral diseases such as viral hepatitises caused by hepatitis B or C, viral diseases of respiratory organs or digestive organs, AIDS and ATL and are also expected to be useful as carcinostatic agents. Admin is oral, I.V or SC at does of 1-500 mg/kg/day. Dwg.0/0

ACCESSION NUMBER:

1992-034124 [05] WPIDS

TITLE:

New antiviral and carcinostatic nucleic acid derivs. - especially 9-((C1R,2R,3S)-2,3-bis (hydroxymethyl)-1-cyclopentyl) adenine, useful against herpes viruses and carcinostatic agents.

DERWENT CLASS:

B02 B03

INVENTOR(S):

AKABA, H; HOSHINO, H; ICHIKAWA, Y; MATSUBARA, K;

NAGAHATA, T; SEKI, J; SHIOZAWA, A; SUGAWARA, Y; AKABA, K;

SEKT

PATENT ASSIGNEE(S):

(NIPK) NIPPON KAYAKU KK

COUNTRY COUNT:

13

PATENT INFORMATION:

PAT	TENT NO	KI	ND DATE	WEEK	LA	PG
EP	468352 R: CH DE ES			(199205)*		
ΑU	9181253	Α	19920130	(199215)		
CA	2047644	Α	19920125	(199215)		
CN	1059524	Α	19920318	(199244)		
JΡ	05001044	Α	19930108	(199306)	1	6
ΕP	468352	<b>A3</b>	19920715	(199334)		
ΑU	642031	В	19931007	(199346)		
US	5374625	Α	19941220	(199505)	1	.3

1	PATENT NO	KIND	APPLICATION	DATE	
	EP 468352		EP 1991-111925		
(	CN 1059524	A	CN 1991-105789		
	JP 05001044	A	JP 1991-203604	19910719	
	EP 468352	A3	EP 1991-111925	19910717	
	AU 642031	В	EP 1991-111925 AU 1991-81253	19910722	
	US 5374625		US 1991-731459		
,	05 53/4025	A	03 1991-731453	19910/1/	
FILIN	G DETAILS:				
	PATENT NO		PATENT NO		
	AU 642031	B Previous P	ubl. AU 9181253	-	
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L2		L1 AND SOLUBLE DO			
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L3			DOMAIN		
L4		L3 AND L1			
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E7		KIGAWA G/AU		•	
E8	21	KIGAWA H/AU			
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E10	1	KIGAWA HIROMITSU			
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L8

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